

Serial No.: 10/625,895
Docket No.: PTGF-03043
HIR.072

REMARKS

Applicant submits a Petition and Fee for a One-Month Extension of Time, along with a Request for Continued Examination.

Claims 1-4 and 20-31 are all the claims presently pending in the application. Claims 1 and 20 have been amended to more particularly define the invention.

It is noted that the claim amendments herein or later are not made to distinguish the invention over the prior art or narrow the claims or for any statutory requirements of patentability. Further, Applicant specifically states that no amendment to any claim herein or later should be construed as a disclaimer of any interest in or right to an equivalent of any element or feature of the amended claim.

I. THE CLAIMED INVENTION

In an exemplary aspect, as recited in claim 1, the invention is directed to a light emitting apparatus including a light emitting element comprising a nitride semiconductor, a phosphor that absorbs light emitted from the light emitting element and emits light with a wavelength different from that of the absorbed light, a first reflection mirror that reflects the light emitted from the light emitting element to converge the light, a second reflection mirror that has a light passing hole at a position on which the light reflected on the first reflection mirror is converged and that has a reflection surface on the side opposite to the side facing the first reflection mirror, and a phosphor layer that includes the phosphor, the phosphor layer being placed over the light passing hole and at a specific region in transparent resin that part of light passing through the light passing hole is radiated. The second reflection mirror is

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disposed to allow light radiated from the phosphor layer to be reflected toward an emission observation surface.

Another aspect of the invention, as recited in claim 20, is directed to a light emitting apparatus including a first reflector having a concave shape for converging light emitted from a light emitting element to a predetermined position, the light emitting element mounted on a first surface of a plate facing the first reflector, a second reflector provided on a second surface of the plate opposite the first surface, a light passing hole in the plate located at the predetermined position for permitting the converged light to pass through the plate, and a phosphor layer displaced from the second surface of the plate and aligned over the light passing hole, the phosphor layer comprising a phosphor that absorbs light and emits light having a wavelength different from that of the absorbed light, wherein the converged light passing through the light passing hole is incident upon the phosphor layer and at least a portion of the converged light is absorbed by the phosphor. The second reflector is disposed to allow light emitted from the phosphor layer to be reflected toward an emission observation surface.

The current amendments to claims 1 and 20 are supported at least by the specification at page 15, lines 16-19, page 19, lines 1-4 and page 26, lines 10-14, and Figures 1, 4 and 5.

II. ARGUMENTS

In addition to the arguments set forth in the Amendment under 37 C.F.R. §1.116 filed on August 9, 2005, Applicant respectfully submits that none of the cited references, alone or in combination, teach or suggest, amongst other features that “[the] second reflection mirror

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is disposed to allow light radiated from [the] phosphor layer to be reflected toward an emission observation surface,” as recited in independent claim 1. Independent claim 20 contains similar language.

This feature, amongst others, allows any light reflected or dispersed away from the emission observation surface by the phosphor layer to be reflected by the reflection surface back toward the emission observation surface, thus improving the emission efficiency of the claimed invention. Indeed, the cited references do not even recognize the desirability or benefit of providing such a feature.

In light of the above, Applicant submits that none of the cited references, either alone or in combination, teach or suggest each and every element of the claimed invention.

III. CONCLUSION

In view of the foregoing, Applicant submits that claims 1-4 and 20-31, all the claims presently pending in the application, are patentably distinct over the prior art of record and are allowable, and that the application is in condition for allowance. Such action would be appreciated.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned attorney at the local telephone number listed below to discuss any other changes deemed necessary for allowance in a telephonic or personal interview.

To the extent necessary, Applicant petitions for an extension of time under 37 CFR §1.136. The Commissioner is authorized to charge any deficiency in fees, including

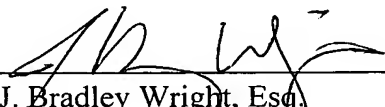
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extension of time fees, or to credit any overpayment in fees to Attorney's Deposit Account

No. 50-0481.

Respectfully Submitted,

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